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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	50690/JEJ/B600	
	Application Number	To be assigned 10/622,199	4
INFORMATION DISCLOSURE	Filing Date	July 18, 2003	
STATEMENT BY APPLICANT	Applicant(s)	Alexander G. MacInnis, et al.	
	Group Art Unit	To be assigned 2/79	,
(use as many sheets as necessary)	Examiner Name	To be assigned Y. L. Baute	eit

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XB		4,367,466	01-04-1983	Takeda et al.	
XB		4,688,033	08-18-1987	Carini et al.	
KB.		5,043,714	08-27-1991	Perlman	
X.B		5,526,054	06-11-1996	Greenfield et al.	
XB.		5,546,103 ·	08-13-1996	Rhodes et al.	
XB		5,694,143	12-02-1997	Fielder et al.	
XB		5,751,979	05-12-1998	McCrory	
XB		5,940,089	08-17-1999	Dilliplane et al.	
XB		5,963,262	10-05-1999	Ke et al.	
XB		6,002,411	12-14-1999	Dye	
XB		6,064,676	05-16-2000	Slattery et al.	
X.B		6,094,226	07-25-2000	Ke et al.	
XB		6,100,826	08-08-2000	Jeon et al.	
XB		6,111,896	08-29-2000	Slattery et al.	
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$\chi_{\mathcal{B}}$		US 6,169,843 B1	01-02-2001	Lenihan et al.	
NB		US 6,320,619 B1	11-20-2001	Jiang	
XB		US 6,326,984 B1	12-04-2001	Chow et al.	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. ³Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English Language Translation is attached.

FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	50690/JEJ/B600
	Application Number	To be assigned 19/622194
INFORMATION DISCLOSURE	Filing Date	July 18, 2003
STATEMENT BY APPLICANT	Applicant(s)	Alexander G. MacInnis, et al.
	Group Art Unit	To be assigned 2179
(use as many sheets as necessary)	Examiner Name	To be assigned N. L. Bawar

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NB		EP 0746116 A2	12-04-1996	Mitsubishi Denki Kabushiki Kaisha Tokyo 100 (JP)		
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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	50690/JEJ/B600	
	Application Number	To be assigned 10/6 22, 19	
INFORMATION DISCLOSURE	Filing Date	July 18, 2003	
STATEMENT BY APPLICANT	Applicant(s)	Alexander G. MacInnis, et al.	
·	Group Art Unit	To be assigned 2179	_
(use as many sheets as necessary)	Examiner Name	To be assigned X. L. Saurar	ta

U.S. PATENT DOCUMENTS					
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NB		4,532,547	07-30-1985	Bennett	
X.B		4,959,718	09-25-1990	Bennett	
XB		5,467,144	11-14-1995	Saeger et al.	
XB		5,471,411	11-28-1995	Adams et al.	
XB		5,550,594	08-27-1996	Cooper et al.	
XB		5,570,296	10-29-1996	Heyl et al.	
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EXAMINER INITIALS	Cite No.1	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (✓)

OTHER DOCUMENTS				
EXAMINER INITIALS	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		

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FORM PTO-1449	Attorney Docket Number	50690/JEJ/B600
	Application Number	To be assigned 10/612/94
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date	July 18, 2003
STATEMENT DI AFFLICANI	Applicant(s)	Alexander G. MacInnis, et al.
(use as many sheets as necessary)	Group Art Unit	To be assigned 2/79
	Examiner Name	To be assigned N.L. Bav for

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
XB	5,155,816	10/1992	Kohn	395	375	
XB	5,604,514	02/1997	Hancock	345	154	•
NB	5,758,177	05/1998	Gulick et al	395	800.01	
XB	5,864,345	01/1999	Wickstrom et al.	345	431	
XB	5,949,439	09/1999	Ben-Yoseph et al.	345	503	
X.B	5,956,041	09/1999	Koyamada et al	345	420	

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EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	YES	NO

	OTHER DOCUMENTS				
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
	POWER TV, INC., Eagle ™ Graphics/Audio Media Compositor Data Sheet, Version 1.7,				
	February 27, 1997, 63 Pages. NOT PROVIDED				

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			Application Number	To be	assigned /	0/620	3 194
		MATION DISCLOSURE Filing Date		July 18	8, 2003	· · · · · ·	
STATEMENT BY APPLICANT		Applicant(s)	Alexan	ider G. Mac	Innis, e	t al.	
(use as many sheets as necessary)			Group Art Unit	To be a	assigned (2179	7
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U.S. PAT	ENT DOCUMEN	TS					
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·		FORE	IGN PATENT DOCUMENTS		Υ		
EXAMINER	DOCUMENT	PUBLICATION	COUNTRY OR	TRANSLATION		·	
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		ОТ	HER DOCUMENTS				
EXAMINER INITIALS			LETTERS), title of the article, title (s), volume-issue number(s), publish				
XB	MOTOROLA, INC. Video Encoder, 199		oion" Graphics Display Gener	ator, SDF	RAM Control	ler, and	Digital
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Sheet 5 of 16

FORM PTO-1449	Attorney Docket Number	50690/JEJ/B600
•	Application Number	To be assigned 10/62219
INFORMATION DISCLOSURE	Filing Date	July 18, 2003
STATEMENT BY APPLICANT	Applicant(s)	Alexander G. MacInnis, et al.
(use as many sheets as necessary)	Group Art Unit	To be assigned 2/79
(430 40 = 111)	Examiner Name	To be assigned X. L. Sall

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EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
XB	4,020,332	04/1977	Crochiere et al.	235	152	
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XB	5,142,273	08/1992	Wobermin	340	703	
χ.β.	5,258,747	11/1993	Oda et al	345	153	
7B	5,384,912	01/1995	Ogrinc et al	395	164	
XB	5,432,900	07/1995	Rhodes et al	395	154	
XB	5,434,957	07/1995	Moller	395	131	
XB	5,615,376	03/1997	Ranganathan	395	750	
XB	5,664,162	09/1997	Dye	345	521	
7CB	5,696,527	12/1997	King et al	345	112	
XB.	5,719,593	02/1998	De Lange	345	114	
XB	5,745,095	04/1998	Parchem et al	345	114	· _ ·
X.B	5,790,136	08/1998	Hoffert et al	345	506	
XB	5,815,137	09/1998	Weatherford et al	345	145	
XB	5,864,345	01/1999	Wickstrom et al	345	431	
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XB	5,926,647	07/1999	Adams et al	395	800.36	
VB.	5,963,201	10/1999	McGreggor et al	345	326	
XB	5,977,933	11/1999	Wicher et al	345	3	

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FORM PTO-1449	Attorney Docket Number	50690/JEJ/B600	
	Application Number	To be assigned 10/622194	
INFORMATION DISCLOSURE	Filing Date	July 18, 2003	
STATEMENT BY APPLICANT	Applicant(s)	Alexander G. MacInnis, et al.	
(use as many sheets as necessary)	Group Art Unit	To be assigned 2/79	,
	Examiner Name	To be assigned X. L Galvery	A

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EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
\mathcal{KB}	6,023,302	02/2000	MacInnis et al	348	597		
χß	6,028,583	02/2000	Hamburg	345	112		
NB	6,038,031	03/2000	Murphy	358	1.09		
NB	6,078,305	06/2000	Mizutani	345	113		
XB	6,100,899	08/2000	Ameline et al	345	431		
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XB	6,151,030	11/2000	DeLeeuw et al	345	435		
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$\chi \mathcal{B}$	6,205,260	03/2001	Crinon et al	382	284		
XB	6,208,354	03/2001	Porter	345	435		
$\chi_{\mathcal{B}}$	6,239,810	05/2001	Van Hook et al	345	431		
XB	6,252,608	06/2001	Snyder et al	345	473		

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EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	BLINN, Jim; "Jim Blinn's Corner Dirty Pixels; publication; 1998; pp. 179-190; Chapter Sixteen, Compositing Theory, September 1994; Morgan Kaufman Publishers, Inc.; San
	Francisco, CA; U.S.A. NOT PROUSED

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	Attorney Docket Number	50690/JEJ/B600
	Application Number	To be assigned 10/622199
INFORMATION DISCLOSURE	Filing Date	July 18, 2003
STATEMENT BY APPLICANT	Applicant(s)	Alexander G. MacInnis, et al.
(use as many sheets as necessary)	Group Art Unit	To be assigned 2/79
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	OTHER DOCUMENTS
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	FOLEY, James D., et al.; "Computer Graphics: Principles and Practice, publication, 1996,
	1990; 4 pages; The Systems Programming Series, Second Edition in C; Addison Wesley Publishing Company; U.S.A. NOT PLOUDED
	Publishing Company; U.S.A. NOT FLOUIDED

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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	50690/JEJ/B600
	Application Number	-09/437,581-10/622184
INFORMATION DISCLOSURE	Filing Date	November 9, 1999
STATEMENT BY APPLICANT	Applicant(s)	Alexander G. MacInnis et al.
	Group Art Unit	2178 2/79
(use as many sheets as necessary)	Examiner Name	Thomas J. Joseph X. L. Bouter

	U.S. PATENT DOCUMENTS			
EXAMINER INITIALS	Cite No.1	DOCUMENT NUMBER Number - kind code ² - (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
7B		5,097,257	03-17-1992	Clough et al.
XB		5,262,854	11-16-1993	Ng
XB		5,307,177	04-26-1994	Shibata et al.
XB		5,396,567	03-07-1995	Jass
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XI		5,515,077	05-07-1996	Tateyama
XB		5,600,364	02-04-1997	Hendricks et al.
X.B.		5,614,952	03-25-1997	Boyce et al.
XB		5,619,337	04-08-1997	Naimpally
XB		5,625,611	04-29-1997	Yokota et al.
NB		5,635,985	06-03-1997	Boyce et al.
ÝΒ		5,640,543	06-17-1997	Farrell et al.
XB	<u> </u>	5,761,516	06-02-1998	Rostoker et al.
\(\frac{1}{3}\)		5,764,238	06-09-1998	Lum et al.
76.3		5,790,795	08-04-1998	Hough
XB		5,790,842	08-04-1998	Charles et al.
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XB	<u> </u>	5,844,608	12-01-1998	Yu et al.
XB		5,867,166	02-02-1999	Myhrvold et al.

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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorn y Docket Number	50690/JEJ/B600
	Application Number	09/437,581 10/622194
INFORMATION DISCLOSURE	Filing Date	November 9, 1999
STATEMENT BY APPLICANT	Applicant(s)	Alexander G. MacInnis et al.
	Group Art Unit	2173 2/79
(use as many sheets as necessary)	Examiner Name	Thomas J. Joseph X. L.

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No.1	DOCUMENT NUMBER Number - kind code ² - (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
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XB		5,982,459	11-09-1999	Fandrianto et al.
хB		5,987,555	11-16-1999	Alzien et al.
XB		6,005,546	12-21-1999	Keene
XB		6,006,303	12-21-1999	Barnaby et al.
XB		6,018,803	01-25-2000	Kardach
X.B		6,088,355	07-11-2000	Mills et al.
XB		6,105,048	08-15-2000	Не
XB		6,121,978	09-19-2000	Miler
XB		6,157,978	12-05-2000	Ng et al.
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x.B		US 6,184,908 B1	02-06-2001	Chan et al.
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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	50690/JEJ/B600
·	Application Number	09/487,581 10/622/94
INFORMATION DISCLOSURE	Filing Date	November 9, 1999
STATEMENT BY APPLICANT	Applicant(s)	Alexander G. MacInnis et al.
	Group Art Unit	2173 2/79
(use as many sheets as necessary)	Examiner Name	Thomas J. Joseph X. L. Billy

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No.1	DOCUMENT NUMBER Number - kind code ² - (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
XB		US 6,212,590 B1	04-03-2001	Melo et al.
XB		US 6,229,550 B1	05-08-2001	Gloudemans et al.
XJ		US 6,263,019 B1	07-17-2001	Ryan
X.B		US 6,263,396 B1	07-17-2001	Cottle et al.
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EXAMINER INITIALS	Cite No.1	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or T ⁶ Applicant of Cited Document (/)	
XB		EP 0752695 A2	01-08-1997	Sun Microsystems, Inc.	
XB		EP 0840505 A2	05-06-1998	Texas Instruments Incorporated	
		WO 00/28518	05-18-2000	Breadcom Corporation NOT PROVIDE	D
		WO 99/28518	05-18-2000	Breadcom Corporation NOV 11-0018C	

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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	50690/JEJ/B600
	Application Number	09/437,581 10/622/94
INFORMATION DISCLOSURE	Filing Date	November 9, 1999
STATEMENT BY APPLICANT	Applicant(s)	Alexander G. MacInnis et al.
	Group Art Unit	2173 2179
(use as many sheets as necessary)	Examiner Name	Thomas J. Joseph Y. L. Burfer

EXAMINER INITIALS	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		SUN, HUIFANG et al., "A New Approach for Memory Efficient ATV Decoding," 1997- IEEE International Conference on Consumer Electronics, Pages 174-175, Los Angeles, 1997.
	K)	BAO, JAY et al., "HDTV Down-Conversion Decoder," IEEE Transactions on Consumer- Electronics, Pages 402 410, Volume 42, No. 3, August 1996.
	9	MOKRY, ROBERT et al., "Minimal Error Drift in Frequency Scalability for Motion-Compensated DCT Coding," IEEE Transactions on Circuits and Sytems for Video-Technology, Pages 392-406, Volume 4, No. 4, August 1994.
	NOG	VETRO, ANTHONY et al., "Minimum Drift Architectures for 3 Layer Scalable DTV Decoding," IEEE Transactions on Consumer Electronics, Pages 527-536, Volume 44, No. 3, August 1998
	J	LEE, DONG-HO et al., "HDTV Video Decoder Which Can Be Implemented With Low Complexity," IEEE International Conference on Consumer Electronics, Pages 6-7, 1994.
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	DI	YII, HAOPING et al., "Block-Based Image Processor for Memory Efficient MPEC Video Decoding," 1999 IEEE International Conference on Consumer Electronics, Pages 114-115, Los Angeles, 1999.

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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	50690/JEJ/B600
	Application Number	To be assigned 10/622194
INFORMATION DISCLOSURE	Filing Date	July 18, 2003
STATEMENT BY APPLICANT	Applicant(s)	Alexander G. MacInnis, et al.
	Group Art Unit	To be assigned 2/79
(use as many sheets as necessary)	Examiner Name	To be assigned 7 . L Jaw

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EXAMINER INITIALS	Cite No.1	DOCUMENT NUMBER Number - kind code ³ - (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE		
XD		5,621,869	04-15-1997	Drews		

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EXAMINER INITIALS	Cite No.1	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (✓)
XB		EP 0840276 A2	05-06-1998	Texas Instruments Incorporated	
$\chi \mathcal{B}$		EP 0840277 A2	05-06-1998	Texas Instruments Incorporated	
XB		WO 94/10641 A1	05-11-1994	THE 3DO COMPANY	
XB		GB 2287627 A	09-20-1995	VTECH Electronics Ltd	

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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	50690/JEJ/B600	•
	Application Number	To be assigned 10/622/9	4
INFORMATION DISCLOSURE	Filing Date	July 18, 2003	
STATEMENT BY APPLICANT	Applicant(s)	Alexander G. MacInnis et al.	
<i>,</i>	Group Art Unit	To be assigned 2/79	,
(use as many sheets as necessary)	Examiner Name	To be assigned V. L. Savy	cipa

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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	50690/JEJ/B600
INFORMATION DISCLOSURE	Application Number	To be assigned /0/622/9
	Filing Date	July 18, 2003
STATEMENT BY APPLICANT	Applicant(s)	Alexander G. MacInnis, et al.
(use as many sheets as necessary)	Group Art Unit	To be assigned 2/79
,	Examiner Name	To be assigned X . L . Sau

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	Application Number	To be assigned 10/622194
INFORMATION DISCLOSURE	Filing Date	July 18, 2003
STATEMENT BY APPLICANT	Applicant(s)	Alexander G. MacInnis et al.
·	Group Art Unit	To be assigned 2/79
(use as many sheets as necessary)	Examiner Name	To be assigned X. L. Swift

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Attorney Docket Number	50690/JEJ/B600
Application Number	10/622,194
Filing Date	July 18, 2003
Applicant(s)	Alexander G. MacInnis et al.
Group Art Unit	2173_ 2179
Examiner Name	To be assigned x.L. Sowis

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INFORMATION DISCLOSURE	Application Number	10/622,194	
	Filing Date	July 18, 2003	
STATEMENT BY APPLICANT	Applicant(s)	Alexander G. MacInnis et al.	
(use as many sheets as necessary)	Group Art Unit	2173 2179	1
	Examiner Name	To be assigned X.L. Ball	Ha

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INFORMATION DISCLOSURE	Application Number	10/622,194
	Filing Date	July 18, 2003
STATEMENT BY APPLICANT	Applicant(s)	Alexander G. MacInnis, et al.
(use as many sheets as necessary)	Group Art Unit	2173 2179
(255 22 1121) 2110010 25 1100052	Examiner Name	John W. Cabeca V / Back

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INFORMATION DISCLOSURE	Application Number	10/622,194
	Filing Date	July 18, 2003
STATEMENT BY APPLICANT	Applicant(s)	Alexander G. MacInnis, et al.
(use as many sheets as necessary)	Group Art Unit	2173 2179
, , , , , , , , , , , , , , , , , , , ,	Examiner Name	John W. Cabeca X. L. Bawtir

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INFORMATION DISCLOSURE	Application Number	10/622,194
	Filing Date	July 18, 2003
STATEMENT BY APPLICANT	Applicant(s)	Alexander G. MacInnis, et al.
(use as many sheets as necessary)	Group Art Unit	2173-2179
,	Examiner Name	John W. Cabeca N.L. Baux Ci

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INFORMATION DISCLOSURE	Application Number	10/622,194
	Filing Date	July 18, 2003
STATEMENT BY APPLICANT	Applicant(s)	Alexander G. MacInnis, et al.
(use as many sheets as necessary)	Group Art Unit	2173 2179
,	Examiner Name	John W. Cabeca X. L. Bowle

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STATEMENT BY APPLICANT

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Attorney Docket Number	50690/JEJ/B600
Application Number	10/622,194
Filing Date	July 18, 2003
Applicant(s)	Alexander G. MacInnis, et al.
Group Art Unit	To be assigned 2/79
Examiner Name	John W. Cabeca Y. L. Baux

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EXAMINER: Initial if reference considered, whether of not cliation is in continuate with MT 209, Data include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. 'Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English Language Translation is attached.

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INFORMATION DISCLOSURE	Application Number	10/622,194
	Filing Date	July 18, 2003
STATEMENT BY APPLICANT	Applicant(s)	Alexander G. MacInnis, et al.
(use as many sheets as necessary)	Group Art Unit	2173-2179
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YB 1		5,319,742	06-07-1994	Edgar
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INFORMATION DISCLOSURE	Application Number	10/622,194
STATEMENT BY APPLICANT	Filing Date	July 18, 2003
STATEMENT DI AFFLICANI	Applicant(s)	Alexander G. MacInnis, et al.
(use as many sheets as necessary)	Group Art Unit	2173 2179
	Examiner Name	John W. Cabeca X. L. Bour

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EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

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STATEMENT BY APPLICANT

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Examiner Name	John-W. Cabeca X. L. Bawter

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INFORMATION DISCLOSURE	Application Number	10/622,194
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